

IN THE CLAIMS:

Please cancel original claims 1-15 and add new claims 15-32 as follows:

Claims 1-15 (cancelled)

16. (new) A device for testing the functionality of loudspeakers, comprising:
 - an antenna for receiving alternating magnetic fields,
 - a unit for analysis of the received signals with respect to signal components in the transmission range of loudspeakers, and
 - an output unit for signaling functionality.
17. (new) A device according to Claim 16, wherein the antenna includes one or more receiver coils.
18. (new) A device according to Claim 17, wherein the receiver coils are oriented in different spatial directions.
19. (new) A device according to Claim 16, wherein between the antenna and the unit for analysis an amplifier is provided for amplifying the received signal.
20. (new) A device according to Claim 16, wherein the unit for analysis includes a filter unit for filtering the received signals.

29. (new) A device according to Claim 28, wherein said independent energy supply is a battery or a fuel cell system.
30. (new) A device according to Claim 16, wherein an analog-digital converter is provided subsequent to the antenna, and wherein the unit for analysis of the received signal is a device for digital signal processing.
31. (new) A device according to Claim 30, wherein the device for digital signal processing is a micro-controller, signal processor or a ASIC.
32. (new) A process for testing functionality of a loudspeaker, comprising:
 - operating said loudspeaker to produce an alternating electro-magnetic field,
 - using an antenna to detect said alternating electro-magnetic fields as a received signal,
 - evaluating the received signal for signal components in the transmission range of loudspeakers using a unit for analysis, and
 - in the case that functionality is confirmed, displaying this result using a display unit.

27. (new) A device according to Claim 16, including a portable housing.
28. (new) A device according to Claim 16, including an independent energy supply.
29. (new) A device according to Claim 28, wherein said independent energy supply is a battery or a fuel cell system.
30. (new) A device according to Claim 16, wherein an analog-digital converter is provided subsequent to the antenna, and wherein the unit for analysis of the received signal is a device for digital signal processing.
31. (new) A device according to Claim 30, wherein the device for digital signal processing is a micro-controller, signal processor or a ASIC.
30. (new) A process for testing functionality of a loudspeaker, comprising:
- operating said loudspeaker to produce an alternating electro-magnetic field,
 - using an antenna to detect said alternating electro-magnetic fields as a received signal,
 - evaluating the received signal for signal components in the transmission range of loudspeakers using a unit for analysis, and

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- in the case that functionality is confirmed,
displaying this result using a display unit.